

HAZARDOUS MATERIALS CONTROL PERMIT CERTIFICATION

I hereby certify on behalf of W.R. Grace, the applicant for a permit or permit renewal from the Acton Board of Health pursuant to Chapter I of the Town of Acton General By-laws (the "Permit Application") that (a) the information contained in the Permit Application is true, accurate and complete, and (b) the facility located ~~operating~~ at 51 Independence Rd Acton, MA and that is the subject of the Permit Application complies with the requirements for Approval of Hazardous Material Waste and Special Waste Permits as defined in section 3.5 of Chapter I of the Town of Acton General By-laws, Hazardous Materials Control, as amended.

Robert J. Nello

Authorized Signatory

5/31/2011

Date

** No manufacturing at the Facility; only a groundwater treatment system.*

A. Hazardous Material (Non-Waste) Inventory Information

Complete the table below for all non-waste inventory. Use additional pages if necessary.

Chemical/Common Name	Max. Qty (at any one time)	Container Size (single largest container)	Location(s) (see section C)
Potassium Permanganate (dry solid)	<u>330</u> gal. lbs. cu. ft.	<u>55</u> gal. lbs. cu. ft.	A
Ferric Chloride (42% liquid)	<u>55</u> gal. lbs. cu. ft.	<u>55</u> gal. lbs. cu. ft.	A
Sodium Hydroxide (25% liquid)	<u>55</u> gal. lbs. cu. ft.	<u>55</u> gal. lbs. cu. ft.	A
Sulfuric Acid (50% liquid)	<u>55</u> gal. lbs. cu. ft.	<u>55</u> gal. lbs. cu. ft.	B
	gal. lbs. cu. ft.	gal. lbs. cu. ft.	
	gal. lbs. cu. ft.	gal. lbs. cu. ft.	

B. Hazardous Waste Inventory Information

(Hazardous Waste Generator Permit Application/Amendment)

Complete the table below for all waste inventory. Use additional pages if needed.

Name of Hazardous Waste	Treatment/Disposal Method(s) (Definitions provided on bottom of page)	Max. Qty. (at any one time)	Annual Qty. Generated	Location(s) (see Section C)
	<input type="checkbox"/> Recycled on-site. <input type="checkbox"/> Treated on-site. <input type="checkbox"/> Shipped off-site for recycling/ treatment /disposal	gal. lbs. cu. ft.	gal. lbs. cu. ft.	
	<input type="checkbox"/> Recycled on-site. <input type="checkbox"/> Treated on-site. <input type="checkbox"/> Shipped off-site for recycling/treatment/disposal	gal. lbs. cu. ft.	gal. lbs. cu. ft.	
	<input type="checkbox"/> Recycled on-site. <input type="checkbox"/> Treated on-site. <input type="checkbox"/> Shipped off-site for recycling/treatment/disposal	gal. lbs. cu. ft.	gal. lbs. cu. ft.	
	<input type="checkbox"/> Recycled on-site. <input type="checkbox"/> Treated on-site. <input type="checkbox"/> Shipped off-site for recycling/treatment/disposal	gal. lbs. cu. ft.	gal. lbs. cu. ft.	
	<input type="checkbox"/> Recycled on-site. <input type="checkbox"/> Treated on-site. <input type="checkbox"/> Shipped off-site for recycling/treatment/disposal	gal. lbs. cu. ft.	gal. lbs. cu. ft.	

C. Facility Site Plan/Storage Map A Site Plan and a Building Layout are attached.

Prepare and submit with this Registration Form a simple site map which shows the following information:

- North direction • Street(s) adjacent to facility • Electrical, water, and gas shutoff valves
- Basic floor plan for each building containing hazardous materials/wastes which indicates building entrance(s) and hazardous material/waste storage locations (use grid locations or assign a code - A, B, C, etc. - to clearly identify each storage location for use in the above inventories).

Site Address: 51 Independence Rd. City: Acton, MA

Date Map Drawn: 5/18/11

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
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D. Endorsement

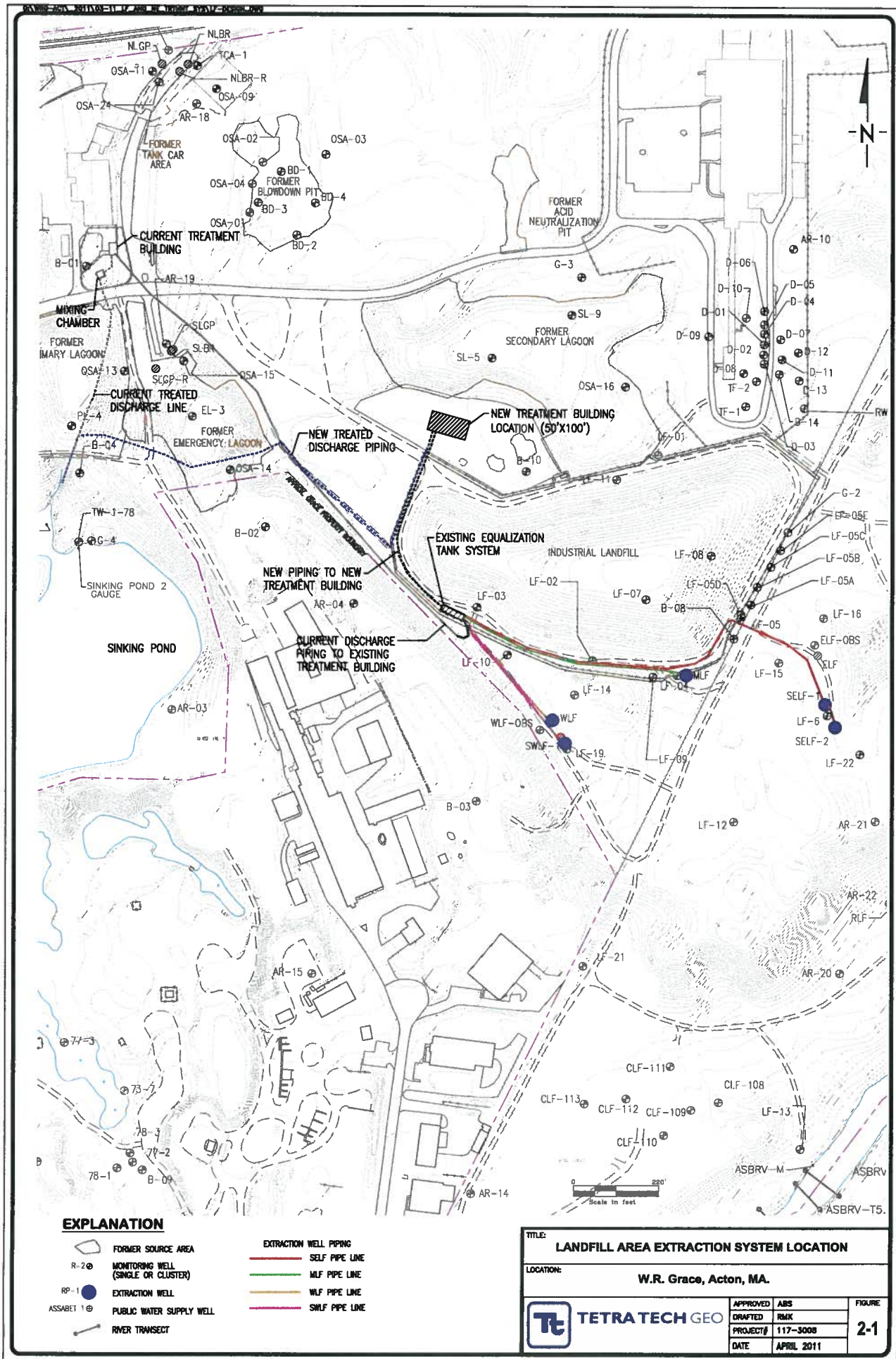
I declare that the above information is true and correct to the best of my knowledge. I agree to comply with all applicable regulations regarding storage, handling, and disposal of hazardous materials and hazardous wastes.

Robert J. Medler
Owner/Operator's Name (Print)

Robert J. Medler
Owner/Operator's Signature

5/31/2011
Date

----- Do Not Complete below This Line -----



**TOWN OF ACTON
HAZARDOUS MATERIALS CONTROL BYLAW**

April 1, 2011

Due: 325

W.R. Grace & Co.

Category: 4, 5, 6,

Attn: Robert Medler, 6401 Poplar Ave, Ste 301

Memphis, TN 38119

Site Address

HAZARDOUS MATERIALS CONTROL PERMIT RENEWAL APPLICATION

Categories

- | | |
|--|--|
| 1. Hazardous Waste Generator (\$65) | 2. Sm. Hazardous Waste Generator (\$45) |
| 3. Hazardous Materials Generator (\$65) | 4. Hazardous Materials User (\$45) |
| 5. Discharge Permit (\$140) | 6. Remediation Permit (\$140) |
| 7. Hazardous Waste User (\$65) | 8. Haz. Mat. Storer Large Industry (\$235) |
| 9. Haz. Mat. Storer Small Industry (\$160) | 10. Haz. Mat. Storer Large Retail (\$170) |
| 11. Haz. Mat. Storer Small Retail (\$140) | 12. Haz. Waste Storer Sm. Industry (\$45) |
| 13. Haz. Waste Storer Retail (\$45) | 14. Haz. Waste Storer Lge. Industry (\$65) |

Provide the following information under the authority of the General Laws of the Commonwealth of Massachusetts, Chapter 94, Section 305A, and Chapter 3, Section 5.

ESTABLISHMENT NAME:

W.R. Grace

ESTABLISHMENT ADDRESS:

51 Independence Road

E-MAIL ADDRESS:

Not Applicable

ESTABLISHMENT TELEPHONE:

Not Applicable

OWNERS/CORPORATE OFFICERS:

W.R. Grace

ADDRESS:

7500 Grace Drive
Columbia, MD 21044

TELEPHONE:

410-531-4000

ON-SITE MANAGER:

No operations at site.

Maximum Potential Quantity of Materials: Gals/Lbs Stored 165/330 Used 550/330

Maximum Potential Quantity of Wastes: Gals/Lbs Stored 0 Used 0

Pursuant to the General Laws of Massachusetts, Chapter 62C, Section 49A, I certify under the pains and penalties of perjury that I, to the best of my knowledge and belief, have filed all state tax returns and paid all state taxes required under law.

Robert J Medler

Signature of Owner/Applicant

13-5114230

F.I.N. Number

5/31/2011

Date

* Revised from quantities submitted 4/20/11 due to use of additional chemicals at recommendation of equipment manufacturers' on-site engineers during start-up of new groundwater treatment system on 5/2/11.

**TOWN OF ACTON
HAZARDOUS MATERIALS CONTROL BYLAW**

April 1, 2011

Due: 325

W.R. Grace & Co.

Category: 4, 5, 6,

Attn. Robert Medler, 6401 Poplar Ave, Ste 301

Memphis, TN 38119

Site Address

HAZARDOUS MATERIALS CONTROL PERMIT RENEWAL APPLICATION

Categories

- | | |
|--|--|
| 1. Hazardous Waste Generator (\$65) | 2. Sm. Hazardous Waste Generator (\$45) |
| 3. Hazardous Materials Generator (\$65) | 4. Hazardous Materials User (\$45) |
| 5. Discharge Permit (\$140) | 6. Remediation Permit (\$140) |
| 7. Hazardous Waste User (\$65) | 8. Haz. Mat. Storer Large Industry (\$235) |
| 9. Haz. Mat. Storer Small Industry (\$160) | 10. Haz. Mat. Storer Large Retail (\$170) |
| 11. Haz. Mat. Storer Small Retail (\$140) | 12. Haz. Waste Storer Sm. Industry (\$45) |
| 13. Haz. Waste Storer Retail (\$45) | 14. Haz. Waste Storer Lge. Industry (\$65) |

Provide the following information under the authority of the General Laws of the Commonwealth of Massachusetts, Chapter 94, Section 305A, and Chapter 3, Section 5.

ESTABLISHMENT NAME: W.R. Grace
ESTABLISHMENT ADDRESS: 51 Independence Road
E-MAIL ADDRESS: Not Applicable
ESTABLISHMENT TELEPHONE: Not Applicable
OWNERS/CORPORATE OFFICERS: W.R. Grace
ADDRESS: 7500 Grace Drive
Columbia, MD 21044
TELEPHONE: 410-531-4000
ON-SITE MANAGER: No operations at site.

Maximum Potential Quantity of Materials: Gals/Lbs Stored 100/275 Used 100/275

Maximum Potential Quantity of Wastes: Gals/Lbs Stored 0 Used 0

Pursuant to the General Laws of Massachusetts, Chapter 62C, Section 49A, I certify under the pains and penalties of perjury that I, to the best of my knowledge and belief, have filed all state tax returns and paid all state taxes required under law.

Robert J. Medler
Signature of Owner/Applicant

13-5114230
F.I.N. Number

4/20/2011
Date

5/1/2011

Expires 5/1/12

Paid: \$325

**TOWN OF ACTON
PERMIT
HAZARDOUS MATERIALS CONTROL BYLAW**

**W.R. Grace & Co.,
Attn. Robert Medler, 6401 Poplar Ave, Ste 301 Memphis, TN**

38119

Is hereby granted a permit to store and use Hazardous Materials at Acton, MA 01720.
This permit is granted with the conditions as noted on the attached list of conditions assigned to your facility.

Permit Categories: **4,5,6,**

*See below explanation of permit categories

HAZARDOUS MATERIALS CONTROL PERMIT CATEGORIES AND FEES

<u>Category</u>	<u>Initial</u>	<u>Renewal</u>
1. Large Hazardous Waste Generator	\$160	\$65
2. Small Hazardous Waste Generator	\$60	\$45
3. Hazardous Materials Generator	\$160	\$65
4. Hazardous Materials User	\$50	\$45
5. Remediation Discharge Permit	\$575	\$140
6. Remediation Permit	\$595	\$140
7. Hazardous Waste User	\$160	\$65
8. Hazardous Materials Storer Large Industry	\$510	\$235
9. Hazardous Materials Storer Small Industry	\$360	\$160
10. Hazardous Materials Storer Large Retail	\$430	\$140
11. Hazardous Materials Storer Small Retail	\$305	\$160
12. Hazardous Waste Storer Small Industry	\$160	\$65
13. Hazardous Waste Storer Retail	\$60	\$45
14. Hazardous Waste Storer Large Industry	\$160	\$65

HAZARDOUS MATERIALS CONTROL PERMIT

List of Conditions:

**W.R. Grace
51 Independence Road
Acton, MA 01720**

Pursuant to the authority of Chapter I - Hazardous Materials Control Bylaw - of the Town of Acton's General Bylaws, the Board of Health has considered your application and plans submitted therewith, and has determined that the materials to be stored, used or generated, are within the scope of said bylaw. The Board of Health hereby orders that the following conditions are necessary and all storage, use or generation must be performed in strict conformance herewith:

1. All liquid Hazardous Materials and Wastes shall be stored in a containment area capable of containing 110% of the largest volume stored in the containment area.
2. All Materials Safety Data Sheets (MSDSs) for the Hazardous Materials shall be maintained on site. MSDSs shall be reviewed with employees at the time of their employment and on an annual basis thereafter. MSDS must be made available to all employees upon request.
3. A Contingency Plan, including emergency contact numbers (Telephone numbers of owner, operator, etc.) and a sketch showing clearly all Hazardous Material and Waste locations shall be submitted and updated annually, to the Board of Health, Fire Department, Police Department, and Civil Defense.
4. Emergency procedures and local Emergency Response Telephone Numbers (Health, Fire, Police, D.E.P., Civil Defense, etc.) should a spill occur, shall be posted in clear view of all employees where Hazardous Materials or Wastes are used or stored.
5. All Hazardous Wastes must be disposed of by a Licensed, D.E.P. approved, hauler or be recycled on site.
6. Copies of either all invoices or manifests for any Hazardous Materials or Wastes, received or disposed, shall be submitted to the Board of Health annually.
7. All Hazardous Materials Containers shall be labeled and dated when filling first began.
8. Speedy Dry, or its equivalent, shall be kept in the storage area, in case of a Hazardous Materials or Wastes spill.
9. Floor cleaning procedures and bathroom sanitation products shall use only nontoxic and biodegradable cleaning compounds.
10. All floor drains shall be sealed or discharged into a closed system, with the waste disposed of by a D.E.P. approved Hazardous Waste Hauler.
11. Protective equipment, including chemical resistant gloves, eye goggles and (rubber) boots, in addition to soap and water, shall be made available to all employees, at all times, in any Hazardous Materials or Waste storage or use area.
12. No Hazardous Materials or Wastes shall be discharged into a sink or toilet.
13. A safety eye wash station shall be installed where any Hazardous Materials or Wastes are handled or used.

14. A fire extinguisher, containing an appropriate fire extinguishing agent, shall be placed in the Hazardous Materials Storage area.
15. No food or drink shall be stored or consumed in any area where Hazardous Materials are stored or used.
18. D.E.P. Generator Registration shall be provided annually upon renewal of the Hazardous Materials Storage Permit.
21. Gas cylinders shall not be rolled, even for short distances. They shall be moved by a suitable hand truck, in accordance with an OSHA standard that applies.
24. Visual monitoring of all spill containment vaults and tanks shall be made every six months with a log of the inspections kept on site and a report given to the Board of Health if any spill containment vaults or tanks have received any Hazardous Material spills since the last inspection.
25. Prior to any new chemical or processes being used, the Board of Health shall be notified.
26. The operation of this facility shall be in compliance with all present and future regulations of E.P.A. and D.E.P. at all times. Nothing in this permit allows or requires non-compliance with all present and future applicable laws or regulations of the Federal or State Governments.
29. All exterior above ground storage tank areas shall have secondary containment, as well as be protected from the elements and have restricted access from the public.
30. The existing fuel oil storage tanks shall be tested for integrity after twenty (20) years, and every year thereafter. Any negative determination of integrity shall cause the immediate removal of the tank by a licensed Hazardous Materials and Wastes Contractor.